

Antibiotic-Antimycotic Solution (100x)

#GTC10.0100
(for research only)

Antibiotic-Antimycotic Solution is a mixture of Penicillin, Streptomycin, and Amphotericin B (see: formulation) in saline solution, and is used to prevent bacterial and fungal contamination in cell cultures. The effective combined action of the antibiotics Penicillin and Streptomycin result in toxicity towards gram-negative and gram-positive bacteria, whereas Amphotericin B acts against yeast and multicellular fungi. This product is provided as a ready-to-use 100x concentrate.

Formulation

Penicillin:	10000 Units/ml
Streptomycin:	10.00 mg/ml
Amphotericin B:	25.00 µg/ml

Specifications

Quantity:	100 ml
Appearance:	yellowish solution
Sterility:	tested
Endotoxin:	≤ 0.5EU/ml
Storage:	-20°C. Once defrosted, store at +2°C-8°C for up to 4 weeks. If needed, one can freeze the solution again, promptly after using. For this, aseptically prepare aliquots of convenient volume, as repeated freeze/thaw cycles should be avoided.

Working Concentration:

This product is provided as a ready-to-use 100x concentrate and the recommended final concentration is 10ml/l of cell culture medium.

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